


**REMARKS**

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested. The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date: 5.5.03

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Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 08-1641 for any such fees; and applicant(s) hereby petition for any needed extension of time.

PATENT TRADEMARK OFFICE



26633

**MARKED UP VERSION ATTACHED TO AMENDMENT IN  
SERIAL NO. 09/825,769**

Please delete paragraph [0022] on page 4, and replace it with the following paragraph:

[0022] FIG. 7: Depicts a comparison of the DNA sequence and translated amino acid sequence of the cysteine desulfinate gene isolated from B. pertussis strain BP536 (SEQ ID NO: 7) with the B. pertussis sequence (SEQ ID NO: 6) (contig 314) found in The Sanger Centre DNA data base. The DNA sequences have been assigned (SEQ ID NOS 8-12), respectively, in order of appearance.